

## ABOUT THE COVER



Rosalind Franklin in the laboratory looking into a microscope. From *DNA: The Double Helix, Perspective and Prospective At Forty Years, 1953*. Original photograph by Henry Grant. Image used by permission of the Museum of London.

Sodium deoxyribose nucleate from calf thymus, Structure B, Photo 51, taken by Rosalind E. Franklin and R.G. Gosling. Linus Pauling's holographic annotations are to the right of the photo, May 2, 1952. Image used by permission of Special Collections, Oregon State University.



Grown from aqueous saline solution buffered with citrate at pH 7.3, this calf thymus DNA single crystal demonstrates birefringence and the beginning of a focal conic texture. The DNA concentration for this specimen is unknown but is presumed to be in the neighborhood of 400 milligrams per millimeter, and the magnification is approximately 200x. The digital image presented to the left was originally recorded on Fujichrome 64T transparency film using a Nikon Optiphot-Pol microscope with crossed polarized illumination.

Image courtesy Michael W. Davidson, National High Magnetic Field Laboratory, The Florida State University.

